

hazard. A “NOTICE OF GEOLOGIC AND GEOTECHNICAL CONDITIONS” may also be required when a geologic investigation cannot conclusively establish that buildings or structures located on the site would either be safe or unsafe. The form of notice shall be as provided by the Building Official, executed by the owner of the property, recorded with the San Diego County Recorder, and filed with the City of San Diego as a condition to issuance of the Building Permit.

Table 145-02A
Required Geologic Investigation⁽⁵⁾

Hazard Category ⁽¹⁾	Geologic Renaissance	Geologic Investigation
11 ⁽³⁾ , 13 ⁽³⁾ , 21, 31 ⁽⁴⁾ , 41	----	A ⁽²⁾ , B ⁽²⁾ , C ⁽²⁾ , D ⁽²⁾
12 ⁽³⁾ , 22, 42, 43	C, D	A, B
23-27, 32 ⁽⁴⁾ , 54	B, C	A
44-48, 52, 53	B	A
51, 55	----	A

Footnotes for Table 145-02A

- 1 Hazard category. The Hazard Category describes the geologic feature or condition suspected at the site. The Hazard Category is determined by reference to the current City of San Diego Seismic Safety Study (SDSSS) maps.
- 2 Building, structure, and facility classes A, B, C and D.
 - A. Class A includes the following:
 - 1) Essential Facilities as defined in Section 1627 of the 2001 California Building Code.
 - 2) Any building, structure or facility where, in the opinion of the Building Official, significant generation or storage of toxic, hazardous, or flammable materials will occur. Quantities of these materials will be assessed in accordance with the risks they present.
 - B. Class B includes the following developments, occupancy groups, and structures provided they are not included in Class A:
 - 1) All developments consisting of four or more structures.
 - 2) All new structures requiring deep foundations (piers or pilings).
 - 3) All buildings over three stories in height.
 - 4) All buildings containing the following occupancies (Refer to 2001 California Building Code, Table 3-A):
 - a. Group A, Divisions 1, 2, and 2.1.
 - b. Group E, Division 1.
 - c. Group H, Divisions 1, 2, 3, 6 and 7.
 - d. Group I, Divisions 1 and 3.
 - 5) All buildings with an occupant load of more than 300 persons as determined by Section 1003.2.2 and Table 10-A of the 2001 California Building Code.

- 6) Tanks, bins, hoppers, silos, and other storage structures of more than 20,000 gallons capacity intended to store toxic, hazardous, or flammable contents that are not associated with a building, structure, or facility in Class A.
 - 7) Tanks, bins, hoppers, silos, and similar structures over 35 feet high.
 - 8) Towers over 35 feet high.
 - 9) Retaining walls (height is measured from the top of the footing to the top of the wall):
 - a. Retaining walls over 12 feet in height.
 - b. Retaining walls over 8 feet in height supporting a surcharge or retaining toxic, hazardous, or flammable contents.
- C. Class C includes the following occupancy groups and structures provided they are not included in Classes A or B:
- 1) All buildings containing the following occupancies (Refer to 2001 California Building Code, Table 3-A):
 - a. Group A, Divisions 3 and 4.
 - b. Group B, Divisions 1, 2, 3, and 4.
 - c. Group E, Divisions 2 and 3.
 - d. Group F, Divisions 1 and 2.
 - e. Group H, Divisions 4 and 5.
 - f. Group I, Division 2.
 - g. Group M.
 - h. Group R, Division 1.
 - i. Group S, Division 1, 2, 3, 4 and 5.
 - 2) Retaining walls (height is measured from the top of the footing to the top of the wall):
 - a. Retaining walls over 8 feet in height.
 - b. Retaining walls of any height supporting a surcharge or retaining toxic, hazardous, or flammable contents.
 - 3) Tanks, bins, hoppers, silos, and other storage structures intended to store toxic, hazardous, or flammable contents.
 - 4) Tanks, bins, hoppers, silos, and similar structures over 20 feet high.
 - 5) Towers over 20 feet high.
- D. Class D includes the following occupancy group and structures provided they are not included in Classes A, B, or C:
- 1) All buildings containing the following occupancies (refer to 2001 California Building Code, Table 3-A):
 - a. Group R, Division 3.
- Note: No geologic investigations are required for occupancy Group U, Division 1, or any other structures of a similar minor nature.

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Faults and Fault Zones--Hazard Category 11, 12, and 13.

Active and potentially active faults are defined in the most recent edition of "Fault-Rupture Hazard Zones in California," Special Publication 42, California Department of Conservation, Division of Mines and Geology, a copy of which is on file at the office of the City Clerk as Document No. 00-17773-4.

Fault zones define the limits within which faults are suspected. Fault zones include the Alquist-Priolo Earthquake Fault Zones, The Downtown Special Fault Zone, as well as the area 100 feet on both sides of the fault lines indicated on the current San Diego Seismic Safety Study (SDSSS) maps. Refer to SDSSS maps for location of faults and fault zones.

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Liquefaction Potential--Hazard Category 31 and 32.

When an investigation is required, adhere to Section 1804.5 of the 2001 California Building Code for minimum requirements.